

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method comprising:
 - identifying a first device color profile associated with an output device; and
 - automatically selecting a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile.
2. (Currently Amended) The method of claim 1, ~~wherein the device is a device to be emulated~~ further comprising:
 - receiving input data;
 - identifying an emulation device, the emulation device being different from the output device, the emulation device having a second device color profile different from the first device color profile;
 - generating output data by transforming the input data using the second device color device profile as a target device color profile, the first device profile as a source device color profile, and the selected rendering intent; and
 - sending the output data to the emulation device.
3. (Currently Amended) The method of claim 25, wherein the output device is a printing press.
4. (Cancelled)
5. (Currently Amended) The method of claim ~~3~~ 1, further comprising:
 - determining from the first device color profile a minimum luminance the ~~printing~~ press ~~output device~~ can produce; and
 - selecting ~~one of a plurality of rendering intents~~ the rendering intent based on a comparison of the minimum luminance to one or more predefined thresholds.

6. (Previously Presented) The method of claim 5, wherein selecting one of a plurality of rendering intents comprises:

selecting a first rendering intent when the minimum luminance exceeds a predefined threshold; and

selecting a second rendering intent otherwise.

7. (Original) The method of claim 6, wherein:

selecting a first rendering intent includes selecting a perceptual rendering intent; and

selecting a second rendering intent includes selecting a colorimetric rendering intent.

8. (Currently Amended) The method of claim 7, further comprising:

receiving input data from a graphic arts application;

generating output data using the input data and the selected rendering intent; and

sending the output data to a proofing printer, the proofing printer having a device color profile different from the first device color profile.

9. (Original) The method of claim 6, wherein selecting a first rendering intent includes selecting a composite rendering intent.

10. (Original) The method of claim 6, wherein selecting a second rendering intent includes selecting a composite rendering intent.

11. (Currently Amended) The method of claim-2 1, further comprising:

identifying an emulation device color profile associated with an emulation device, the emulation device color profile being different from the first device color profile;

wherein automatically selecting a rendering intent further comprises selecting a the rendering intent based on the emulation device color profile.

12. (Currently Amended) The method of claim 11, wherein the emulation device is a device to generate ~~the output of an emulation of the~~ output ~~device to be emulated.~~

13. (Currently Amended) The method of claim 12, wherein the output device is a printing press and the emulation device is a proofing printer, the method further comprising:
- receiving a selection indicative of the printing press color profile; and
 - receiving a selection indicative of the proofing printer color profile.
14. (Original) The method of claim 13, further comprising:
- selecting a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and
 - selecting a second rendering intent otherwise.
15. (Original) The method of claim 14, wherein:
- selecting a first rendering intent includes selecting a perceptual rendering intent; and
 - selecting a second rendering intent includes selecting a colorimetric rendering intent.
16. (Original) The method of claim 14, wherein selecting a first rendering intent includes selecting a composite rendering intent.
17. (Original) The method of claim 14, wherein selecting a second rendering intent includes selecting a composite rendering intent.
18. (Original) The method of claim 13, further comprising:
- selecting a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and
 - selecting a second rendering intent otherwise.
19. (Original) The method of claim 18, wherein:
- selecting a first rendering intent includes selecting a perceptual rendering intent; and
 - selecting a second rendering intent includes selecting a colorimetric rendering intent.
20. (Original) The method of claim 18, wherein selecting a first rendering intent includes selecting a composite rendering intent.

21. (Original) The method of claim 18, wherein selecting a second rendering intent includes selecting a composite rendering intent.

22. (Currently Amended) An apparatus comprising:

means for identifying a first device color profile associated with an output device; and

means for automatically selecting a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile.

23. (Currently Amended) The apparatus of claim 22, ~~wherein the device is a device to be emulated.~~ further comprising:

means for receiving input data;

means for identifying an emulation device, the emulation device being different from the output device, the emulation device having a second device color profile different from the first device color profile; and

means for generating output data by transforming the input data using the second device color device profile as a target device color profile, the first device profile as a source device color profile, and the selected rendering intent.

24. (Currently Amended) The apparatus of claim ~~23~~26, wherein the output device is a printing press.

25. (Cancelled)

26. (Currently Amended) The apparatus of claim ~~24~~22, further comprising:

means for determining from the first device color profile a minimum luminance the ~~printing press~~output device can produce; and

means for automatically selecting ~~one of a plurality of rendering intents~~ the rendering intent based on a comparison of the minimum luminance to one or more predefined thresholds.

27. (Previously Presented) The apparatus of claim 26, wherein the means for selecting one of a plurality of rendering intents comprises:

means for selecting a first rendering intent when the minimum luminance exceeds a predefined threshold; and

means for selecting a second rendering intent otherwise.

28. (Original) The apparatus of claim 27, wherein:

the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and

the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

29. (Currently Amended) The apparatus of claim 28, further comprising:

means for receiving input data from a graphic arts application;

means for generating output data using the input data and a selected rendering intent; and

means for sending the output data to the proofing printer, the proofing printer having a device color profile different from the first device color profile.

30. (Original) The apparatus of claim 27, wherein the means for selecting a first rendering intent includes means for selecting a composite rendering intent.

31. (Original) The apparatus of claim 27, wherein the means for selecting a second rendering intent includes means for selecting a composite rendering intent.

32. (Currently Amended) The apparatus of claim ~~23~~22, further comprising:

means for identifying an emulation device color profile associated with an emulation device, the emulation device color profile being different from the first device color profile;

wherein the means for automatically selecting a rendering intent further comprises means for selecting athe rendering intent based on the emulation device color profile.

33. (Currently Amended) The apparatus of claim 32, wherein the emulation device is a device to generate ~~the output of an emulation of the~~ output device to be emulated.

34. (Currently Amended) The apparatus of claim 33, wherein the output device is a printing press and the emulation device is a proofing printer, the apparatus further comprising:

means for receiving a selection indicative of the printing press color profile; and

means for receiving a selection indicative of the proofing printer color profile.

35. (Original) The apparatus of claim 34, further comprising:

means for selecting a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and

means for selecting a second rendering intent otherwise.

36. (Original) The apparatus of claim 35, wherein:

the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and

the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

37. (Original) The apparatus of claim 35, wherein the means for selecting a first rendering intent includes means for selecting a composite rendering intent.

38. (Original) The apparatus of claim 35, wherein the means for selecting a second rendering intent includes means for selecting a composite rendering intent.

39. (Original) The apparatus of claim 34, further comprising:

means for selecting a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and

means for selecting a second rendering intent otherwise.

40. (Original) The apparatus of claim 39, wherein:

the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and

the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

41. (Original) The apparatus of claim 39, wherein the means for selecting a colorimetric rendering intent includes means for selecting a composite rendering intent.

42. (Original) The apparatus of claim 39, wherein the means for selecting a perceptual rendering intent includes means for selecting a composite rendering intent.

43. (Currently Amended) A computer program product, tangibly embodied on a computer-readable medium, the product comprising instructions operable to cause a processor to:
 identify a first device color profile associated with an output device; and
 automatically select a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile.

44. (Currently Amended) The computer program product of claim 43, ~~wherein the device is a device to be emulated~~ further comprising instructions operable to cause a processor to:
 receive input data;
 identify an emulation device, the emulation device being different from the output device, the emulation device having a second device color profile different from the first device color profile;
 generate output data by transforming the input data using the second device color device profile as a target device color profile, the first device profile as a source device color profile, and the selected rendering intent; and
 send the output data to the emulation device.

45. (Currently Amended) The computer program product of claim ~~[[44]]~~ 47, wherein the output device is a printing press.

46. (Cancelled)

47. (Currently Amended) The computer program product of claim [[45]] 43, further comprising instructions to:

determine from the first device color profile a minimum luminance the ~~printing~~
~~press~~output device can produce; and

~~select one of a plurality of rendering intents~~ the rendering intent based on a comparison of the minimum luminance to one or more predefined thresholds.

48. (Previously Presented) The computer program product of claim 47, wherein the instructions to select one of a plurality of rendering intents further comprise:

instructions to select a first rendering intent when the minimum luminance exceeds a predefined threshold; and

instructions to select a second rendering intent otherwise.

49. (Original) The computer program product of claim 48, wherein:

the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and

the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

50. (Currently Amended) The computer program product of claim 49, further comprising instructions to:

receive input data from a graphic arts application;

generate output data using the input data and a selected rendering intent; and

send the output data to the proofing printer, the proofing printer having a device color profile different from the first device color profile.

51. (Previously Presented) The computer program product of claim 48, wherein the instructions to select a first rendering intent include instructions to select a composite rendering intent.

52. (Previously Presented) The computer program product of claim 48, wherein the instructions to select a second rendering intent include instructions to select a composite rendering intent.

53. (Currently Amended) The computer program product of claim [[44]] 43, further comprising instructions to:

identify an emulation device color profile associated with an emulation device, the emulation device color profile being different from the first device color profile;

wherein the instructions to automatically select [[a]] the rendering intent further comprise instructions to select a rendering intent based on the emulation device color profile.

54. (Currently Amended) The computer program product of claim 53, wherein the emulation device is a device to generate ~~the output of an emulation of the~~ output device to be emulated.

55. (Currently Amended) The computer program product of claim 54, wherein the output device is a printing press and the emulation device is a proofing printer, the computer program product further comprising instructions to:

receive a selection indicative of the printing press color profile; and

receive a selection indicative of the proofing printer color profile.

56. (Original) The computer program product of claim 55, further comprising instructions to:

select a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and

select a second rendering intent otherwise.

57. (Original) The computer program product of claim 56, wherein:

the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and

the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

58. (Previously Presented) The computer program product of claim 56, wherein the instructions to select a first rendering intent include instructions to select a composite rendering intent.

59. (Original) The computer program product of claim 56, wherein the instructions to select a second rendering intent include instructions to select a composite rendering intent.

60. (Previously Presented) The computer program product of claim 55, further comprising instructions to:

select a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and
select a second rendering intent otherwise.

61. (Original) The computer program product of claim 60, wherein:

the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and

the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

62. (Previously Presented) The computer program product of claim 60, wherein the instructions to select a first rendering intent include instructions to select a composite rendering intent.

63. (Previously Presented) The computer program product of claim 60, wherein the instructions to select a second rendering intent include instructions to select a composite rendering intent.